

AMENDMENTS

Please amend the claims as follows:

- 1-4. (cancelled)
5. (currently amended) A multi-dimensional array of $N \times M$ elements where both N and M are greater than 1, the array comprising:
 - transducer material arranged as the array of elements;
 - at least two electrically conductive acoustic impedance matching layers on the transducer material on each one of the elements.
6. (original) The array of Claim 5 further comprising:
 - kerfs defining the elements, the kerfs through both the transducer material and the at least two electrically conductive matching layers.
7. (original) The array of Claim 5 wherein the at least two electrically conductive matching layers comprises three electrically conductive matching layers.
8. (original) The array of Claim 5 wherein all matching layers on the array are electrically conductive.
9. (cancelled)
10. (previously presented) The array of Claim 5 further comprising a ground foil, signal trace or flex circuit on one of the at least two electrically conductive matching layers.
11. (previously presented) The array of Claim 6 further comprising signal traces connected with one of the at least two electrically conductive matching layers.